

The Nature of the Planets, by V. V. Sharonov, 418 pp.
RUSSIAN, bk, Priroda Planet, Moscow, 1958.
NASA TT F-77
OTS 63-11177

Sci - Earth Sci & Astron
Jan 65

270,497

The Natural Radioactivity of the Biosphere, by
L. A. Pertsov.
RUSSIAN, bk, Prirodnaya Radioaktivnost' Biosfery,
1964.
AEC tr-6714

Sci/Nuclear Sci
Nov 67

343,338

Natural Division of Northern Kazakhstan
Into Districts, by V. L. Komarov,
V. V. Dokuchayev, B. A. Fedorovich, 278 pp.

RUSSIAN, bk, Prirodnoye Rayonirovaniye
Severnogo Kazakhstana, 1960.

ACSI H-9312
ID 2170457

USSR
Pol
14 Feb 62

182,677

Natural Resources of the Soviet Union,
Their Utilization and Reproduction, by
I. P. Gerasimov, D. L. Armand, 188 pp.
RUSSIAN, bk, Prirodnye Resursy Sovetskogo
Soyuza, Ikh Ispol'zovanie i Vospriizvodstvo,
Moscow, 1963,
CIA/FDD X-5739

Sci - Biol & Med Sci
Nov 65
FOR OFFICIAL USE ONLY

291,891

Vinogradov, L. G. et al 1963
Resources of the fishing industry (Resursy rybnogo
khozyaistvo)
Prirodnye resursy sovetskogo soyuza, ikh ispol'zovanie i
vosproizvodstvo (L.P. Gerashimov, D.M. Armand and K.M. Efron,
editors), Izd. Akad. Nauk SSSR, 243p.: 217-242. In Russian.

Unedited transl. by H. Verwey for U. of Wash., 1964, 58p.,
typescript.

Avail. on loan - NMFS, Wash., D. C.

Original Article Checked, ⁴⁰ ~~XX~~

Physical Features and Hydrography, by M. S.
Buyanovskiy, A. G. Doskach, V. M. Fridland.

RUSSIAN, per, Priroda i Sel'skoye Khoz Volgo-Ural'-
skogo Mezhdurech'ya, Vol IX, Moscow, 1956,
pp 9-15. (Call No GB237, V9 B99, Eng Tr)

AMS

USSR
Geo
Oct 60

129,208

Natural Radioactivity In the Biosphere, by
L. A. Pertsov,
RUSSIAN, bk, Prirodnaya Radioaktivnost Biosfery,
1964, 315 pp.
*AEC 115-68

Sci-Atmospheric Sci
Oct 66

Relief, by M. S. Buyanovskiy, A. G. Doshkach, V. M. Fridland, 25 pp.

RUSSIAN, per, Priroda i Sel'skoye Khoz Volgo-Ural'-
skogo Mezhdurech'ya, Moscow, 1956, pp 23-39.
(Call No GB237, V9 B99, Eng Tr)

AMS

USSR
Geo
Oct 60

129,209

(DC-6643)

The Physical Nature of North Vietnam, by
V. M. Fridland, 214 pp.

RUSSIAN, bk, Priroda Severnogo V'etnama,
1961, pp 1-175.

JPRS 13278

Sci - Geophys
Apr 62

190,795

*SALINATED SOILS OF SOUTHERN SINCHIANG AND THEIR
MELIORATION, BY G. V. ZAKHAR'INA, 25 PP.

RUSSIAN, BK, PRIRODNYYE USLOVIYA SIN'TSZYANA,
MOSCOW, 1960.

JPRS 15084

FE - CHINA
GEOG
SEP 62

210,788

SUBSURFACE WATERS OF THE SINCHIANG SUBMONTANE
PLAINS, BY V. N. KUNIN, 21 PP.

RUSSIAN, BK, PRIRODNYYE USLOVIYA SIN'TSZYANA,
MOSCOW, 1690.

JPRS 15084

FE - CHINA
GEORG
SEP 62

210,787

ZONAL SOILS OF THE SOUTHWESTERN DZHUNGAR
DEPRESSION, BY V. A. NOSIN, 16 PP.

RUSSIAN, BK, PRIRODNYYE USLOVIYA SIN'TSYANA,
MOSCOW, 1960,

JPRS 15084

FE - CHINA
GEOG
SEP 62

210,786

ACTIVITIES OF THE SINCHIANG (SINKIANG) COMPLEX
EXPEDITION OF THE ACADEMY OF SCIENCES OF THE
CHINESE PEOPLE'S REPUBLIC, BY E. M. MURZAYEV,
5 PP.

RUSSIAN, BK, PRIRODNYYE USLOVIYA SIN'TSZYANA,
MOSCOW, 1960,

JPRS 15084

FE - CHINA
GEOG
SEP 62

210.784

CERTAIN ECOLOGICAL-GEOGRAPHICAL PATTERNS OF THE
VEGETATIVE COVER OF THE SINCHIANG-UYGUR AUTONOMOUS
REGION, BY A. A. YUNATOV, 38 PP.

RUSSIAN, BK, PRIRODNYYE USLOVIYA SIN'TSZYANA,
MOSCOW 1960.

JPRS 15084

FE - CHINA
GEOG
SEP 62

210,785

Specific Natural Conditions of Sinkiang,
58 pp.

RUSSIAN, bk, Prirodnyye Usloviya Sin'tazyana,
1960, pp 66-131; 173-194.

ACSI H-9199

ID 2166462

166,324

FE - China

Econ

11 Sep 61

Physiography of the Foreign Arctic, by
G. V. Gorbatskiy, 53 pp. UNCLASSIFIED

RUSSIAN, bk, Priroda Zarubezhnoi Arktiki,
pp 31-58, 166-193.

G-2, GSUSA G-4206

Sci - Geophysics

CTB 68/May 55

23,978

USSR Natural Zones.

Priradnye Zony SSSR.

RUSSIAN, BK, Minsk 1955.

Teleberg Book Company
544 Sixth Avenue
New York 11, NY
\$16.00

USSR
Geographic

Apr 56

33,520

Natural Regions of USSR, by F. N. Mil'kov,
188 pp.

RUSSIAN, bk, Prirodnyye Zony SSR, 1964,
pp 3-286.

ACSI I-6249

ID 2294056864

USSR

Geog

Mar 66

297,484

Additives to Oils to Lower Friction and Wear,
by I.E. Vinogradova, 97 pp.
RUSSIAN, bk, Prisadki k Maslam Dlya Snisheniya
Treniya i Iznosa, 1963, pp 3-111.
P100014568-V
FTD-MT-64-388

Sci-Materials
Feb 68

347,494

Additives to Oils and Fuels, 663 pp.
RUSSIAN, bk, Prisadki k Maslam i Toplivam,
Moscow, 1961, pp 1-395. 9697991
FID-PT-64-213

Sci - Fuels & Prop
Sept 65

288,566

A Laboratory Study of the Antioxidation Effectiveness of Motor-Oil Additives, by K. S. Ramaya, M. S. Borovay, et al, 8 pp.

RUSSIAN, bk, Prisdki k Maslam i Toplivam, ~~Ossoptokhizdat~~, Moscow, 1961, pp 269-272.
9679790

FTD-TT-62-1324

Sci-Chem
Mar 63

22⁶ 7/3

Supplement of Additional Mass Flow in the
Jet Engine System, 331 pp.

RUSSIAN, bk, Prisoyadineniya Dopolnitel'noy
Massy v Struynykh Apparatakh, 1958, 238 pp.
9670554

FTD-MCL-751/1

Sci - Engr

Aug 61.

164,355

Direct Geochemical Methods of Prospecting for Petroleum,
by V. A. Sokolov. T/C

RUSSIAN, bk, ^YPriamye Geokhimicheskie Metody Poiskov
Nefti, Moscow, 1947, 305 pp.

Assoc Tech Sv
RJ-286 *\$3.00

CIA/FDD/X-2101

Sci - Fuels

32,458

Reception of Radar Signals Against Background
of Fluctuating Interferences, by Fal'Kovich,
210 pp.

RUSSIAN, bk, Priyem Radiolokatsionnykh Signalov
na Fone Flyuktatsionnykh Pomekh, 1961,
pp 1-304. *M. K. K.*

ACSI I-1431

ID 2198536

215,562

Sci - Engr, Electron
15 Oct 62

SOV-1/61

(NY-5665).

Radio Receiver "Kristal" Assembled With Semiconductor Devices (Transistorized), by A. K. Godzevskiy,

RUSSIAN, pamphlet, Priyemnik "Kristall" na Poluprovodnikovyykh Priborakh, 1960(?), 9 pp.

*JPRS/Special

Sci - Electron

16 Jan 61

T/C book review

Receiving-Amplifying Tubes, 6 pp.

RUSSIAN, bk, Priyemno-usilitel'nyye lampy, 1956,
24 pp.

Head, Lib Sv Sec
Air Info Div, Lib Cong

Aug 58

Petroleum Depot Receiving and Issuing Attendent,
by L. M. Mezhiritskiy, 312 pp. UNCLASSIFIED

RUSSIAN, bk, Priyemo-Sdatchik Nerftebazy, 1958.

ACSI H-6794
ID 2152386

USSR
Econ
Dec 60

134,039

Radio Receiver "Kristall" Assembled With Semiconductor
Devices (Transistorized), by A. E. Gerasimov,
USSR.

RUSSIAN, pamphlet, Priglasenie "Kristall" na Poluprovod-
nikovyykh Priboiykh, 1966.

JPRS NY-5665

Sci - Electronics
Mar 61

141, 197.

3-394/64

Selections From: Intra-Vitam Staining of Cells and
Tissue Under Normal and Pathological Conditions.

1. Conclusion, 2. Table of Contents, by
Ye. M. Gramenitskiy. (~~AP~~) (AP-439) (DC-10458)

RUSSIAN, bk, Prizhiznennaya Okraska Kletok i
Tkaney v Norme i Patologii, 1963, pp 130-132.

*JPRS

Sci - Med
Apr 64

About Conformity of Values of the Isostatic and Bouguer
Anomalies, by P. Ya. Galunhko.

RUSSIAN, bk, Pro Vidpovidnist' Znachen' Izostaticznykh
i Anomaliy Buga.

ACIC

Sci - Earth Sci & Astron
Jan 64

246,319

(TDD 28906)

The Problem of Active Immunization Against
Japanese Encephalitis, by A. I. Drobyshevskaya,
13 pp.

RUSSIAN, typed monograph, Problema Aktivnoy
Imunizatsii Protiv Yaponskogo Entsifalita,
pp 1-10.

CIA/TDD U-9004

Sci - Medicine, immunobiology 41/132
Oct 56

The Problem of Longevity in Siberia and the
Soviet Far East, by G. D. Berdyshev, 79 pp.

RUSSIAN, bk, Problema Dolgoletiya v Sibiri
i na Dal'nem Vostoke, 1963, pp 1-79.

JPRS 27507

USSR
Sco
Jan 65

271,546

Problem of Geological Interpretation of the Regional
Gravitational Field of the Transcaucasian Lowland,
by M. S. Abakelia.

RUSSIAN, bk, Problema Geologicheskoy Interpretatsii
Regional'nogo Gravitatsionnogo Polya Zakavkazskoy
Nizhnosti, 1965, p. 219-222

ACIC

Sci - Earth Sci & Astron
2Jan 64

246,301

(NY-6670)

The Adaptation Possibilities for Survival
Under Conditions of Considerable Air Rarefactions
in O₂ Respiration Under Increased Pressure, by
M. I. Vakar, 5 pp.

RUSSIAN, bk, Problema Kompensatornykh Prilagodivaniy-
Prisposobleniy, 1960, pp 166-168.

JPRS 10439

Sci - Med

115, 124

(NY-8670)

Certain Adaptation Reactions of the Organism
Under Reduced Barometric Pressure, by D. I. Ivanov
Ivanov, 11 pp.

RUSSIAN, bk, Problema Kompensatsionnykh
Prisposobleniy, 1960, pp 169-175.

JPRS 10439

175, 126

Sci - Med

Dec 61

(NY-6670)

Compensatory Reactions of Man Under the Effect
of Shock Accelerations, by P. K. Isakov, 6 pp.

RUSSEAN, bk, Problema Kompensatornykh
Prisposobleniy, 1960, pp ~~176-179~~.176-179.

JPRS 10439

Sci - Med

175, 125

Dec 61

NY-00001

Altitude

Altitude Resistance as an Adaptation to Hypoxemia.
by V. B. Malkin, 12 pp.

RUSSEAN, bk. Problema Kompensatornykh
Prisposobleniy, 1960, pp 180-187.

JPRS 10439

Sci - Med

175,127

(UT-6847)

Table of Contents of "The Relationships of the
Neurons in the Nerve Tissue," 3 pp.

RUSSIAN, bk, Problema mezhnevronnykh i
neirotkanovykh otnosheniy, publ by Academy of
Sciences Ukrainian SSR, Kiev, 1953.

CIA/FDD/X-1887

USSR

Sci - Medicine, neurology
[CTS 74 Nov 55] 8-659

28,441

A Comprehensive Approach to Athletic Training
Proposed, by L. P. Matveyev, 7 pp.
RUSSIAN, bk, Problema Periodizatsii Sportivnoy
Trenirovki, 1964, pp 227-235.
JPRS 27,257

~~SSR~~ USSR
Soc
Jan 65

271,764

Problems of Flight by Jet Propulsion, by
F. A. Tsander, 390 pp.
RUSSIAN, bk, Problema Poleta pri Pomoshchi
Reaktivnykh Apparatov, Moscow, 1961.
NASA TT F-147
OTS 63-11195

Sci - Aero
Nov 64
Available From LY/Serials

269,105

1719-M

Excerpts From "The Problem of Anticancer Anti-
biotics - USSR - , by M. G. Kluyova, G. I. Raskin,
16 pp.

RUSSIAN, bk, Problema Protivorakovykh Anti-
biotikov, Moscow, 1957, pp 5-7, 23-34.

UB JPRS Tr L-592-M

Sci - Medicine
Jan 59

78,340

(NY-1523)

The Problem¹ of Reactivity in Pathology, 136 pp
UNCLASSIFIED

RUSSIAN, bk, Problema Reaktivnosti v Patologii,
Moscow, 1954, pp 3-6, 9-33, 74-84, 95-99, 120-122,
131, 132, 150-161, 165-173, 213-225, 248-268, 322-330,
338-341.

US JPRS/NY-L-196

Sci - Medicine

66,090

Contents of

T. of "Problem of Reactivity in Pathology, by D. F. Pletshty

RUSSIAN, bk, Problema Reaktivnosti v Patologii, Moscow, 1956.

~~NY 1208~~

PC 1108

The Problems of Rare Earths,
by D. N. Trifonov.
RUSSIAN, bk, Problema Radikikh Zemel',
Moscow, 1962, 221 pp.

•ESTI

AEC-Tr-6635

Sci - ES
May 66

~~300-1000~~

CONSCIOUSNESS AND THE BRAIN, BY M. A. LOGVIN, 54 PP.

RUSSIAN, BK, PROBLEMA SOZNANIYE I MOZG, MOSCOW,
1963, 48 PP.

JPRS 20270

SCI-BIOL/MED
JULY 63

236,997

3-936/61

Conclusions ~~XX~~ From the Problem of Fatigue, by
V. V. Rosenblat, (HY-6871)

RUSSIAN, ~~XX~~ bk, Problema Utomleniya, 1961,
pp 189-198.

~~XXXX~~ *JPRS

Sci - Med
18 Dec 61

Prospects for Development of a Power Base for
Central Kazakhstan (In Connection With the Planned
Introduction of Irtysh Waters in Depth), by
V. A. Kikitenko, S. Yu. Mayzel, 13 pp.

RUSSIAN, bk, Problema Vodoobezpecheniya Tsentral-
nogo Kazakhstana, 1960, pp 301-313.

ACSI I-3337-A
ID 2246286

USSR
Econ
Sci - Engr
Nov 52

243, 414
~~242, 068~~

RUSSIAN, bk, Problema Vostochnoy Tsentral'noy Kazakhstana, 1960, pp 314-327.

ACSI I-3337-B
ID 2246286

USSR
Econ
Sci - Eng
Dec 63

244,026

2
REMOVING RADIOACTIVE ISOTOPES FROM ORGANISMS,
BY V. S. BALABUKHA, L. M. RAZBITNAYA, 12 PP.

RUSSIAN, BK, PROBLEMA VYVEDENIYA IZ ORGANIZMA
DOLGOZHIVUSHCHIKH RADIOAKTIVNYKH IZOTOPOV, 1962,
PP 5-12, 166-167.

JPRS 18775

SCI - MED
APR 63

228,665

(NY-6430)

The Principal Ways of Increasing
Farm Output in Rumania, by M. Stancu,
S. Hartia, 167 pp.

HUMANIAN, bk, Probleme ale Dezvoltarii si
Consolidarii Agriculturii Socialiste,
1960, pp 275-285.

JPRS 13064

ESur - Rumania
Econ
Apr 62

189,383

The Gravimetric Network of the Rumanian Popular Republic, by Radu Botezatu, 102 pp.

RUMANIAN, bk, Probleme de Geofizica, Academia
Republicii Populare Romine, Institutul de Geologie,
Geofizica si Geografie, Vol I, 1961, pp 1-96.
9681635

PTD-TT-62-1566

Sci- ~~Electronics~~ Electronics
May 63

229,782

Problems of Regulating River Flow. Issue 6.

**RUSSIAN, bk, Problemi Regulirovaniya Rechnogo
Stoka, Vypusk 6, Moscow, Ak Nauk SSSR, 1956,
298 pp.**

**Dept of Interior
US Bur of Reclamation
Technical Library
Denver, Colorado**

Sci - Geophys

Sep 59

96,239

Chelyustkin, A. B.
PROBLEMS IN THE AUTOMATION OF THE MET-
ALLURGICAL INDUSTRY, tr. ed. by H. T. Protheroe.
Oct 62, approx. 110p.
Order from PP approx. \$6.50

Trans. of mono. [Problemnye Voprosy Avtomatizatsii
Metallurgicheskoi Promyshlennosti, Moscow, 1960,
68p.].

DESCRIPTORS: *Steel, Production, Rolling mills,
Automation, Blast furnaces, Sheets.

(Metallurgy--Ferrous Metals, TT, v. 8, no. 7)

62-22337

I. Chelyustkin, A. B.
II. Pergamon Press, Inc.,
New York

Office of Technical Services

(FDD 27896)

The Problem Plan for Scientific Research by the
Academy of Medical Sciences USSR 1956-1960, 125 pp.

RUSSIAN, bk, Problemyy Plan Nauchnykh Issledovaniy
Akademii Meditsinskikh Nauk SSSR na 1956-1960 Gody,
Moscow, Mar 1956, pp 3-111.

CIA/FDD Tr 568

USSR

Sci - Medicine, miscellaneous

~~36,583~~

36 547

Problems in the Automation of the Metallurgical Industry, by A. B. Chelyustkin.

RUSSIAN, bk, Problemy Voprosy Avtomatizatsii Metallurgicheskoi Promyshlennosti, Metallurgizdat, 1960.

*pp

XSci - Engr

Oct 60

Problems Involved in the Total Electrification of
the USSR and Technical Progress in Power
Engineering Construction, by P. S. Neporozhniy,
53 pp.
RUSSIAN, bk, Problems Sploshnoy Elektrifikatsii
SSSR i Tekhnicheskiy Progress v Energostroitel'stve,
1960, pp 3-45. 9692315
FTD-TT-63-820

USSR
Econ
May 64

257,637

Architectural Problems in Reference to Lunar Structures; Paper Presented at the Fifteenth International Astronautical Congress Held in Warsaw on 7-12 September 1964, by
B. V. Zayonchovskiy, et al.
RUSSIAN, rpt, Problemy Arkhitektury Primenitel'no k Zadacham Stroitel'stva na Lune, Moscow, 1964,
11 pp.
*NASA TT F-280

Sci-Ear Sci & Astron
Sep 64

Problems of Forecasting Ice Conditions, by
V. Vize. UNCLASSIFIED

RUSSIAN, per, Problemy Arktiki, No 1, 1957,
pp 67-88.

26,389

ATIC F-TS-3455

Scientific - Geophysics Aug 55 CTS/DEX

Suvorov, E.K.

1937

Reorganization of the fur economy on the Commander Islands
(Reorganizatsiia pushnogo khoziaistva na Komandorskikh
ostrovakh)

Problemy Arktiki (V. Ia. Vize and R. L. Mamailovich, editors),
(2), M.: Gosizdatputi SSSR, Vsesoiuznyi arkticheskii
institut, Leningrad, 212p.: 162-165. In Russian.

Transl. for MBL, BCF, Seattle, Wash., 7p., typescript.

Avail. on Loan - BCF, Wash., D.C.

Original Article Checked *WJS*

Icing Indicator, by V. I. Chernysh, 3 pp.

RUSSIAN, per, Problemy Arktiki, No 5, 1937,
pp 123-124.

Sci Tr Center
RT -1308

Scientific - Engineering, Geophysics

17,475

Magnetic Activity of Franz Josef Land According
to Observations of 1934-1936, by A. P. Nikolskiy.

RUSSIAN, per, Problemy Arktiki, No 1, 1938,
pp 57-77.

ATIC-P-TS-8703/III

31,938

Scientific - Geophysics

Mar 56 CTS/DEX

Daily Course of the Magnetic Field Disturbance
at High Latitudes, by A. P. Nikol'skiy.

RUSSIAN, per, Problemy Arktiki, No 4, 1938,
pp 5-43.

ATIC P-TS-8957/III

40,804

Sci - Geophysics

Jun 1956

✓
Sliding Friction on Snow, by B. M. Goldovski;
On the Problem of Sleds' "Freezing In", by
K. B. Veinberg, 8 pp.

RUSSIAN, per, Priroda, No 6, 1953, pp 85-87;
Problemy Arktiki, No 4, 1938, pp 151-154.
CIA D 300833

Def Sci Info Sv,
DRB, Canada,
T 193 R

RT 300

29513

Scientific - Geophysics
CIS 75/Dec 55

Ice Accretion in Arctic Rivers and Seas as a
Function of Negative Air Temperature, by V. V.
Lebedev, 16 pp. UNCLASSIFIED

RUSSIAN, bimo per, Problemy Arktiki, No 5/6, 1938,
pp 9-25.

Navy Tr 927/HO 163

Scientific - Geophysics

Mar 54 CTS

11,107

Diurnal Variations in Aurora Activity, by S. I.
Isayev.

RUSSIAN, per, Problemy Arktiki, No 2, 1939, pp 27-37

ATIC F-TS-8702/III

Sci - Astronomy

Feb/56/CTS

31,022

The Problems Involved in Making a Seismic
Survey in the Region of the Ust'-Enisei Port,
Employing Refraction Methods, by R. M.
Domenitskaya, 15 pp.

RUSSIAN, per, Prob Arktiki, No 5,
pp 81-92, 1939,

Amin Meteor Soc
T-53 RE

Air Res and
Dev Command

13,602

Scientific - Geophysics

CTS/DEX

Telluric Currents and Their Connection With Terrestrial Magnetism, by K. K. Fedchenko; 11 pp.

RUSSIAN, no par, Problemy Arktiki, No 9, 1949³, pp 55-61.

ATIC F-TS-10002/V

Sci - Geophysics
Mar 1957 CTS

45,063

Special Features in the Development of Aurora in
the Different Zones, by S. I. Isayev, 15 pp.

Full tr

RUSSIAN, per, Problemy Arktiki, No 10/11, 1939,
pp 21-30.

ATIC F-TS-8958/V

Sci - Astronomy
Dec 1956 CTS/dex

41, 858

The Ice Drift of the Central Part of the
Polar Basin, by N. N. Zubov, M. M. Somov,
22 pp.

RUSSIAN, per, Prob Arktiki, No 2, 1940,
pp 51-68.

SLA PB 129 433T

Air Res and

Dev Command

T-275 RU

SLAR-

1836

Scientific - Geophysics CTS/DEX

13,538

Preliminary Data on the Drift of the "Dedov"
for the Years 1937 and 1938, by A. M.
Petrichenko, 18 pp.

RUSSIAN, per, Prob Arktiki, No 2, 1940,
pp 69-85.

SLA PB 130600T

Air Res and

Dev Command

T-200 RU

Scientific - Geophysics

GFB/DEA

SLA R-1837/3,524

Oil Fields in the Arctic, Their Survey and
Exploitation, by L. S. Petrov, L. I. Rakitov,
21 pp.

RUSSIAN, per, Problemy Arktiki, No 3, 1940,
pp 98-109.

Scientific - Geophysics

42,928

AFIC F-TS-8482

Ust' Yeniseisk Harbor and the Probable Petroleum
Resources of the Area, by N. A. Gedroyts, 24 pp.

RUSSIAN, per, Problemy Arktiki, No 3, 1940,
pp 110-123.

ATIC F-TS-8481.

Scientific - Geophysics

42,927

Recent Problems of Seismic Investigations, by
S. I. Ivanov. UNCLASSIFIED

"
RUSSIAN, per, Problemy Arktiki, No 4, 1940,
pp 70-80.

26,388

ATIC F-TS-S433/III

Scientific - Geophysics Aug 55 CTS/DEX

The Horizontal Expansion of Temperature Anomalies
in the Ocean, by V. B. Shtokman, 9 pp.

RUSSIAN, per, Problemy Arktiki, No 5, 1940, pp
7-12. 649537

Amer Meteorol Soc
for Geophys Res Dir
ASTIA

Sci - Geophys

T-282

Oct 59

99,537

Stability of Petroleum Deposits in Permafrost
Regions, by A. I. Rakitov, 28 pp.

RUSSIAN, per, Problemy Arktiki, No 6, 1940,
pp 46-57.

ATIC F-TS-8484

Scientific - Geophysics

42,929

The Diurnal Periodicity of Aurora Within the
Maximum-Frequency Zone, by A. I. Isayev, 6 pp.

RUSSIAN, per, Problemy Arktiki, No 9, 1940,
pp 41-45.

Amer Meteorol Soc
AF Cambridge Res Center

Sci - Geophys
May 61

Doc. T-3727 (01.6.2.1.2)

969375

150,511

Appl. Sci. Res.

11325 11324 11323

The Water Masses of the Central Part of the Arctic
Ocean, by V. B. Shtokman, 10 pp. UNCLASSIFIED

RUSSIAN, per, Problemy Arktiki, No 2, 1943, pp 68-74.

Air Res and Dev Command

Mr. Tr/

T-243 RU

over that Sec T-243RU

Scientific - Geophysics

Aug 54 CTS

17,480

Determining the Relative Volume of the Annual
Flow of Pacific Waters Into the Arctic Ocean
Through Bering Strait, by I. V. Maksimov, 13 pp.

RUSSIAN, per, Problemy Arktiki, No 2, 1945,
pp 51-58. CIA 197108.

*American Meteorol Soc for
Geophysics Res Dir, ASTIA

USSR
Sci - Geophysics

38,506

Studying the Non-Wind Component of Ice Drift, by
Z. M. Gudkovich. UNCLASSIFIED 18 pp.

RUSSIAN, per, Problemy Arktiki, Vol I, Leningrad,
1957, pp 19-27.

Navy 2202/EO-47

Sci - Geophysics
Jul 59

Amor Natural Inc X-R-266

92, 833

Timofeyev, V. T.

FORMATION OF THE BOTTOM WATERS OF THE
CENTRAL PART OF THE ARCTIC BASIN, tr. by
E. R. Hope. Jan 61 (6p. 6 refs. Directorate of Scien-
tific Information Services T 349 R.
Order from NRCC mi\$0.50, ph\$1.50 NRCC C-3560

Trans. of Problemy Arktiki (USSR) 1957, no. 1,
p. 29-33. 90977123, 9577907

151410

ARB CANADA
T 349 R

(Earth Sciences--Oceanography, TT, v. 5, no. 5)

61-12599

1. Arctic Ocean--Oceanog-
raphy
2. Ocean bottom--Arctic Ocean
- I. Timofeyev, V. T.
- II. NRCC C-3560
- III. DSIS-T-349-R
- IV. Directorate of Scientific
Information Services
(Canada)

Office of Technical Services

The Water Exchange Between the East Siberian
and Chukchi Seas Through Prolif Long--Long
Strait, by Yu. A. Gorbunov, 6 pp.
RUSSIAN, per, Problemy Arktiki, No. 1,
1957, pp. 35-40.
Dept of Navy N00 tr 351

Sci/Earth Sci. and
Oceanography
Nov-Dec 67

351,516

The Principal Causes of Fluctuations in Ice
Conditions of the Arctic Seas, by V. S. Antonov.
UNCLASSIFIED

RUSSIAN, per, Problemy Arktiki, Vol I, 1957,
pp 41-50.

Navy 2205/HO 65

Sci - Geophysics
Jul 59

92,805

Koblents, Ya. P.

PROTECTION OF BENCH MARKS AT POLAR
GAGING STATIONS (O Sokhraneni Otnetok Nulei
Vodomernykh Postov na Polyarnykh Stantsiyakh) tr. by
Victor Seemann. May 61 [7p] 2 refs ACFEL Trans.
no. 33.

Order from OTS, SLA, or ETC \$1.10 TT-63-15688

Trans. of Problemy Arktiki (USSR) 1957, no. 1,
p. 111-113. (Abstract available)

DESCRIPTORS: *Leveling rods, Geodesics, *Polar
regions, *Permafrost, *Anchors (Structural), Design.

Bench-mark damage in polar regions associated with
permafrost and ground ice is analyzed, and proper
construction methods are discussed. A metal pipe
about 60 mm in diameter, with a disk about 150 mm in
diameter welded on the lower end, is not liable to
(Earth Sciences, TT, v. 11, no. 9) (over)

TT-63-15688

I. Title: Bench marks
(Geodesy)

I. Koblents, Ya. P.

II. ACFEL Trans-33

III. Arctic Construction and
Frost Effects Lab.,
Corps of Engineers,
Waltham, Mass.

Office of Technical Services

RUSSIAN, per, Problemye Artiki, No 2, 1957

Nat Res Council, Canada

being done in full per letter 20 Oct 1958

Translation uncertain. maybe ^{not} above

Recent Investigations in the Soviet Arctic, by
V. V. Frolov. UNCLASSIFIED

RUSSIAN, per, Problemy Arktiki, Vol II, Leningrad,
1957, pp 5-17.

Sci

~~Sci~~ - ~~Geophysics~~
Jul 59

Navy 2203/HO-48

Amer Metrol Soc
HF Cambridge Pres Letter
SLA 60-17177

92,835

The Use of Aviation in Oceanographic Research in
the Arctic, by A. F. Iakhtenov, Shamont'yev.
UNCLASSIFIED V.R.

RUSSIAN, per, Problemy Arktiki, Vol II, Leningrad,
1957, pp 19-21. 654237 9076561
3

Navy 2138/BO-49

Sci - Geophysics
May 59

Final Report Sec
15 June 1959
86,750

Atlantic Water in the Arctic Basin, by V. T.
Timofeyev, 13 PP.

RUSSIAN, per, Problemy Arktiki, No 2, 1957,
pp 41-51.

Amer Meteorol Soc
for Geophys Res Dir
ASTIA

Sci - Geophys

90,934

Jul 59

Calculation of Hummockness in Determining Ice
Volume, by A. A. Kirillov. UNCLASSIFIED

RUSSIAN, per, Problemy Arktiki, Vol II, Leningrad,
1957, pp 53-58. *CONFIDENTIAL*

Navy 2335/EO 50 *S*

Sci - Geophysics
Oct 59

Amv. Material Sec.
AFG
99,622

Nikiforov, Ye. G.
VARIATIONS OF ICE CONCENTRATION IN CON-
JUNCTION WITH ITS DYNAMICS (Ob izmenenii
Splochnosti Ledyango Pokrova v Svyazi s yego
Dinamikoy) tr. by M. Slessers. 1959 [29]p. [HO]
Trans. 51.
Order from LC or SLA ml\$2.70, ph\$4.80 61-15954

Trans. of Problemy Arktiki (USSR) [1957] no. 2,
p. 59-71.
Another translation is available from LC or SLA
ml\$2.70, ph\$4.80 as 60-14289, AmMetSoc-T-R-200,
June 59 [16]p.

Variations in ice concentration and their factors are
analyzed and formulated so as to disclose the correla-
tion of the factors and the effects they produce which,
in natural circumstances, are in constant change and
interaction. In line with this, the methods used in
computing variations in ice concentration are re-
examined and the necessary improvements introduced.
(Navy Hydrographic Office abstract)

61-15954

- I. Ice--Motion
- I. Nikiforov, Ye. G.
- II. HO Trans-51
- III. Navy Hydrographic Office,
Washington, D. C.

160970

Office of Technical Services
(Earth Sciences--Frost,
TT, v. 5, no. 11)